

Figure 1

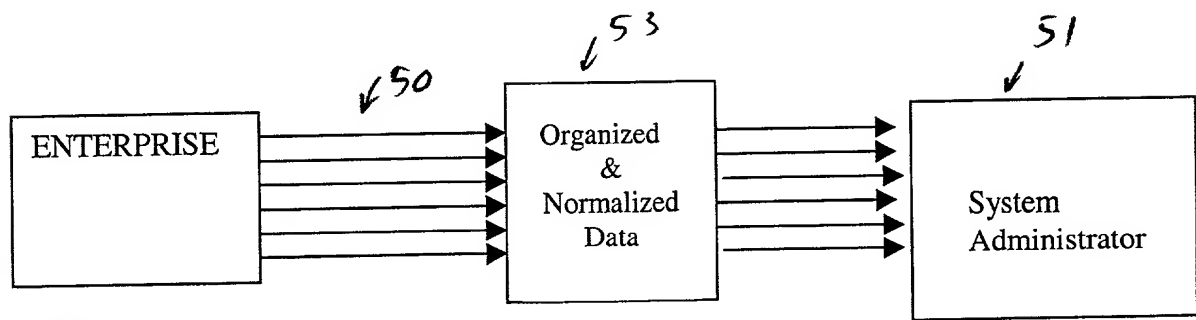
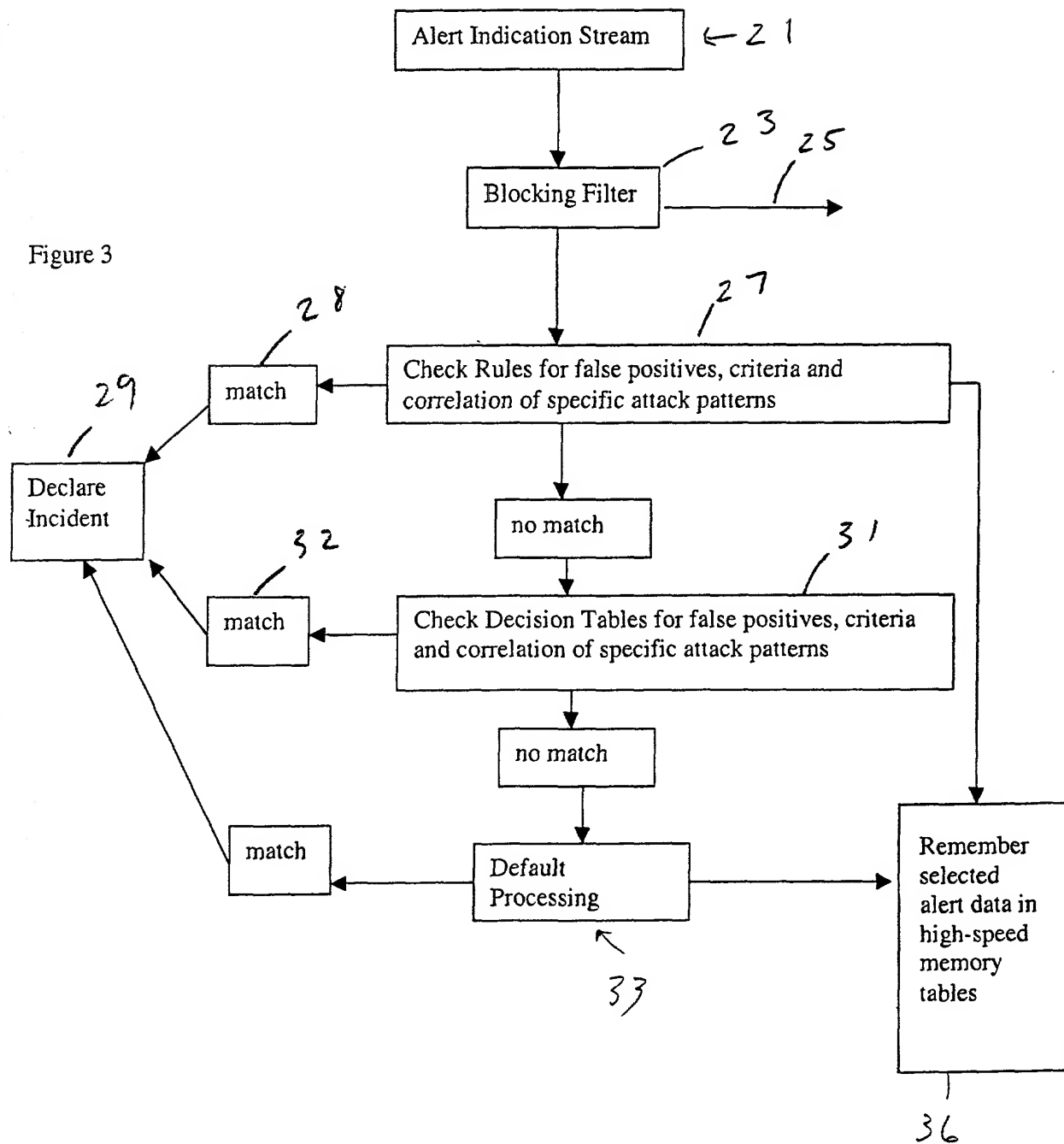


Figure 2

PRIOR ART


2023-03-06 10:00:00

Figure 3



CyberWolf Incident Ticket - Microsoft Internet Explorer

File Edit View Favorites Tools Help



# CyberWolf

**Incident Ticket**
ID: 1012 Status: Open Priority: Critical

Update Tracking Criteria
Update Incident
Check History
Help

INCIDENT DESCRIPTION

"An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources." ~ AlertType-OS\_MultiVendor\_noop TrackingSource-10.193.111.87 TrackingTarget-10.193.111.4 Category-OSExploits ExpertType-SnortExpert Severity-1

Date Time	CONCLUSIONS
13:45 02/22/02	"An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources." ~ AlertType-OS_MultiVendor_noop TrackingSource-10.193.111.87 TrackingTarget-10.193.111.4 Category-OSExploits ExpertType-SnortExpert Severity-1
13:45 02/22/02	"An HTML file has been modified on the Web server." ~ AlertType-HTMLFileModify TrackingSource-10.193.111.87 TrackingTarget-10.193.111.87 DeviceIP-10.193.111.87 Category-FileSystemsAccess TargetFile-/home/httpd/html/_HomePage.htm ExpertType-ApacheExpert Severity-1
13:45 02/22/02	"An attempt to log in to the host as root failed because the user entered an invalid password or attempted to log in from a remote terminal." ~ AlertType-RootLoginAuthFailure TrackingSource-10.193.111.87 TrackingTarget-10.193.111.87 Category-AuthenticationViolations ExpertType-LinuxExpert Severity-1
13:45 02/22/02	Unauthorized Access Attempt detected on an asset that was recently port scanned - Last scan occurred 1 seconds previous to following alert - "An FTP connection to the host was refused." ~ AlertType-FTPRefused TrackingSource-10.193.111.48 TrackingTarget-10.193.111.87 Category-AuthenticationViolations ExpertType-LinuxExpert Severity-3

Date Time	Agent	ACTIONS
<b>Tracking Rule</b>		
Source:	10.193.111.48	
Targets:	10.193.111.87 10.193.111.4	
User Rule	And (TargetPort) Is "2033"	
<b>ALERTS</b>		
13:45 02/22/02	Description "An attempt to send a binary shellcode to a host has been detected. This could indicate an attempt to execute a buffer overflow attack and gain unauthorized access to system resources." From LogSim0 Severity 1 SourceIP TargetIP 10.193.111.4 GenericAlert OS_MultiVendor_noop	

Done Internet

Fig. 4

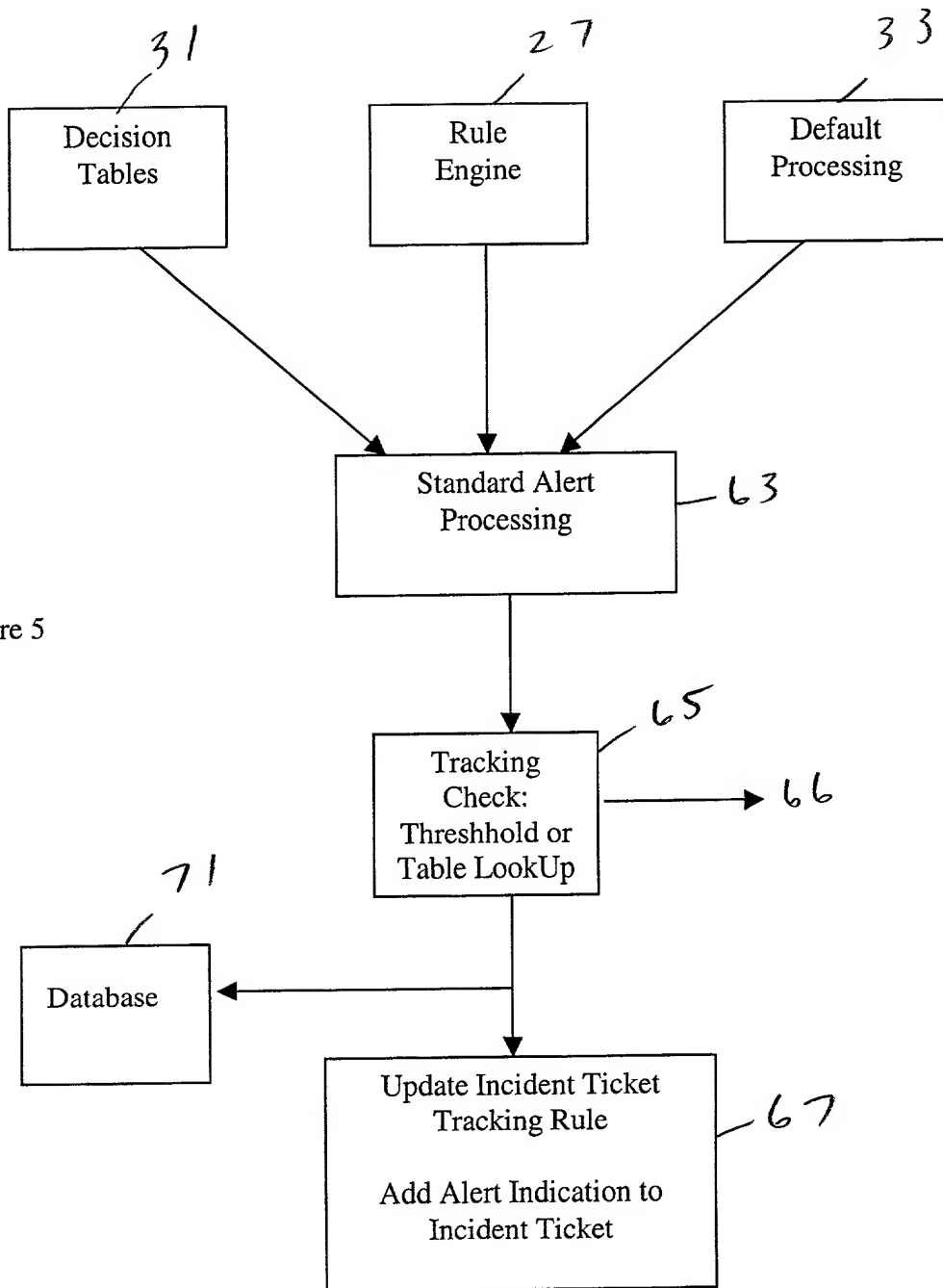
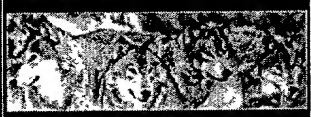


Figure 5

CyberWolf Tracking Criteria - Microsoft Internet Explorer

File Edit View Favorites Tools Help



# CyberWolf

Update Tracking Criteria

Incident # 1012

☐ Disable Auto Update of Tracking Rule
 ☒ Show Details

Source: 10.193.111.48

Targets: ☒ 10.193.111.87 ☒ 10.193.111.4

	And/Or	(	Attribute Name	Condition	Attribute Value	)
INS	And		TargetPort	Is	2033	
DEL						
INS						
DEL						

Done Internet

77 71 73 Fig 6 75 70

2003-03-20 09:22:00